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Safety data sheet according to Regulation (EC) No 1907/2006, Annex II
Revised on / Version: 27.01.2014 / 0007
Replaces revision of / Version: 06.12.2012 / 0006
Valid from: 27.01.2014
PDF print date: 27.01.2014
Rearview Mirror Adhesive 2ml Art.: 9934

Safety data sheet according to Regulation (EC) No 1907/2006, Annex II

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1 Product identifier

Rearview Mirror Adhesive
Art.: 9934

1.2 Relevant identified uses of the substance or mixture and uses advised against

Relevant identified uses of the substance or mixture:

Adhesive

Uses advised against:

No information available at present.

1.3 Details of the supplier of the safety data sheet

SCT Vertriebs GmbH, Feldstraße 154, 22880 Wedel, Germany
Telephone: (+49) 04103-1211-0, Fax: (+49) 04103-1211-88

Qualified person's e-mail address: info@sct-germany.de, a.till@sct-germany.de Please DO NOT use for requesting Safety Data Sheets.

fety

1.4 Emergency telephone

Emergency information services / official advisory body:

Telephone number of the company in case of emergencies:

Tel.: (+49) 04103-1211-0

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

2.1.1 Classification according to Regulation (EC) 1272/2008 (CLP)

Hazard class	Hazard category	Hazard statement
--------------	-----------------	------------------

Eye Dam.	1	H318-Causes serious eye damage.
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2.1.2 Classification according to Directives 67/548/EEC and 1999/45/EC (including amendments)

Xi, Irritant, R36/37/38
Sensitizing, R43

2.2 Label elements

2.2.1 Labeling according to Regulation (EC) 1272/2008 (CLP)

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Danger

Hazard statement

H318-Causes serious eye damage. H317-May cause an allergic skin reaction.

P101-If medical advice is needed, have product container or label at hand. P102-Keep out of reach of children.

Prevention

P261-Avoid breathing vapour or spray. P271-Use only outdoors or in a well-ventilated area. P280-Wear protective gloves and eye/face protection.

Response

P305+P351+P338-IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P310-Immediately call a POISON CENTER/doctor.

Storage

P405-Store locked up.

Disposal

P501-Dispose of contents/container to hazardous or special waste collection point.

hydroxypropyl methacrylate (isomers mixture)
 2-Hydroxyethyl methacrylate
 Acrylic acid
 tert.-Butylhydroperoxide

2.3 Other hazards

The mixture does not contain any vPvB substance (vPvB = very persistent, very bioaccumulative) or is not included under XIII of the regulation (EC) 1907/2006.

The mixture does not contain any PBT substance (PBT = persistent, bioaccumulative, toxic) or is not included under XIII of the regulation (EC) 1907/2006.

SECTION 3: Composition/information on ingredients

3.1 Substance

n.a.

3.2 Mixture

hydroxypropyl methacrylate (isomers mixture)	
Registration number (REACH)	01-2119490226-37-XXXX
Index	607-125-00-5
EINECS, ELINCS, NLP	248-666-3
CAS	CAS 27813-02-1
content %	20-40
Classification according to Directive 67/548/EEC	Irritant, Xi, R36 Sensitizing, R43
Classification according to Regulation (EC) 1272/2008 (CLP)	Eye Irrit. 2, H319 Skin Sens. 1, H317
2-Hydroxyethyl methacrylate	
Registration number (REACH)	01-2119490169-29-XXXX
Index	607-124-00-X

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EINECS, ELINCS, NLP	212-782-2
CAS	CAS 868-77-9
content %	1-10
Classification according to Directive 67/548/EEC	Irritant, Xi, R36/38 Sensitizing, R43
Classification according to Regulation (EC) 1272/2008 (CLP)	Eye Irrit. 2, H319 Skin Irrit. 2, H315 Skin Sens. 1, H317

Acrylic acid	Substance with specific conc. limit(s) acc. to REACH-registration
Registration number (REACH)	01-2119452449-31-XXXX
Index	607-061-00-8
EINECS, ELINCS, NLP	201-177-9
CAS	CAS 79-10-7
content %	3-<5
Classification according to Directive 67/548/EEC	Flammable, R10 Harmful, Xn, R20/21/22 Corrosive, C, R35 Dangerous for the environment, N, R50
Classification according to Regulation (EC) 1272/2008 (CLP)	Flam. Liq. 3, H226 Acute Tox. 4, H302 Acute Tox. 4, H312 Acute Tox. 4, H332 Skin Corr. 1A, H314 STOT SE 3, H335 Aquatic Acute 1, H400 (M=1)

tert.-Butylhydroperoxide	Substance with specific conc. limit(s) acc. to REACH-registration
Registration number (REACH)	01-2119446670-40-XXXX
Index	---
EINECS, ELINCS, NLP	200-915-7
CAS	CAS 75-91-2
content %	0,1-<1
Classification according to Directive 67/548/EEC	Oxidizing, O, R7 Flammable, R10 Harmful, Xn, R21/22 Toxic, T, R23 Corrosive, C, R34 Sensitizing, R43 Dangerous for the environment, N, R51-53 Mutagen, R68, Muta.Cat.3
Classification according to Regulation (EC) 1272/2008 (CLP)	Flam. Liq. 3, H226 Org. Perox. Type E, Type F, H242 Acute Tox. 4, H302 Acute Tox. 3, H311 Acute Tox. 2, H330 Skin Corr. 1C, H314 Skin Sens. 1, H317 Muta. 2, H341 Aquatic Chronic 2, H411

Ethyl methacrylate	Substance with specific conc. limit(s) acc. to REACH-registration
Registration number (REACH)	01-2119490215-40-XXXX
Index	607-071-00-2
EINECS, ELINCS, NLP	202-597-5
CAS	CAS 97-63-2
content %	0,01-<1
Classification according to Directive 67/548/EEC	Highly flammable, F, R11 Irritant, Xi, R36/37/38 Sensitizing, R43

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Classification according to Regulation (EC) 1272/2008 (CLP)	Flam. Liq. 2, H225 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Skin Sens. 1, H317
n-Butyl methacrylate	
Registration number (REACH)	01-2119486394-28-XXXX
Index	607-033-00-5
EINECS, ELINCS, NLP	202-615-1
CAS	CAS 97-88-1
content %	0,01-<1
Classification according to Directive 67/548/EEC	Flammable, R10 Irritant, Xi, R36/37/38 Sensitizing, R43
Classification according to Regulation (EC) 1272/2008 (CLP)	Flam. Liq. 3, H226 Eye Irrit. 2, H319 STOT SE 3, H335 Skin Irrit. 2, H315 Skin Sens. 1, H317

For the text of the R-phrases / H-phrases and classification codes (GHS/CLP), see Section 16.

SECTION 4: First aid measures

4.1 Description of first aid measures

Inhalation

Remove person from danger area.
 Supply person with fresh air and consult doctor according to symptoms.

Skin contact

Remove polluted, soaked clothing immediately, wash thoroughly with plenty of water and soap, in case of irritation of the skin (flare), consult a doctor.

Eye contact

Remove contact lenses.
 Wash thoroughly for several minutes using copious water. Seek medical help if necessary.

Ingestion

Rinse the mouth thoroughly with water.
 Give copious water to drink - consult doctor immediately.
 Do not induce vomiting.

4.2 Most important symptoms and effects, both acute and delayed

If applicable delayed symptoms and effects can be found in section 11 and the absorption route in section 4.1.
 In certain cases, the symptoms of poisoning may only appear after an extended period / after several hours.

4.3 Indication of any immediate medical attention and special treatment needed

Symptomatic treatment

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media

Extinction powder
 Foam
 Water jet spray
 Cool container at risk with water.

Unsuitable extinguishing media

High volume water jet

5.2 Special hazards arising from the substance or mixture

In case of fire the following can develop:
 Oxides of carbon
 Toxic gases

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5.3 Advice for firefighters

In case of fire and/or explosion do not breathe fumes.
 Protective respirator with independent air supply.
 Dispose of contaminated extinction water according to official regulations.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Ensure sufficient supply of air.
 Avoid contact with eyes or skin.
 If applicable, caution - risk of slipping

6.2 Environmental precautions

If leakage occurs, dam up.
 Resolve leaks if this possible without risk.
 Prevent surface and ground-water infiltration, as well as ground penetration.
 Prevent from entering drainage system.
 If accidental entry into drainage system occurs, inform responsible authorities.

6.3 Methods and material for containment and cleaning up

Soak up with absorbent material (e.g. universal binding agent, sand, diatomaceous earth, sawdust) and dispose of according to Section 13.

6.4 Reference to other sections

For personal protective equipment see Section 8 and for disposal instructions see Section 13.

SECTION 7: Handling and storage

In addition to information given in this section, relevant information can also be found in section 8 and 6.1.

7.1 Precautions for safe handling

7.1.1 General recommendations

Ensure good ventilation.
 Avoid inhalation of the vapours.
 Avoid contact with eyes or skin.
 Eating, drinking, smoking, as well as food-storage, is prohibited in work-room.
 Observe directions on label and instructions for use.
 Use working methods according to operating instructions.

7.1.2 Notes on general hygiene measures at the workplace

General hygiene measures for the handling of chemicals are applicable.
 Wash hands before breaks and at end of work.
 Keep away from food, drink and animal feedingstuffs.
 Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

7.2 Conditions for safe storage, including any incompatibilities

Keep out of access to unauthorised individuals.
 Not to be stored in gangways or stair wells.
 Store product closed and only in original packing.
 Store in a well ventilated place.
 Store cool
 Store in a dry place.

7.3 Specific end use(s)

No information available at present.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

2-Hydroxyethyl methacrylate

Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note

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Workers / employees	Human - inhalation	Long term	DNEL	4,9	mg/m3	
Workers / employees	Human - dermal	Long term	DNEL	1,3	mg/kg bw/d	
	Environment - water		PNEC	0,482	mg/kg	

Acrylic acid						
Area of application	Exposure route / Environmental compartment	Effect on health	Descriptor	Value	Unit	Note
Workers / employees	Human - inhalation	Long term, local effects	DNEL	30	mg/m3	
Workers / employees	Human - dermal	Short term, local effects	DNEL	1	mg/cm2	
Consumer	Human - inhalation	Long term, local effects	DNEL	3,6	mg/m3	
Consumer	Human - dermal	Short term, local effects	DNEL	1	mg/cm2	
Workers / employees	Human - inhalation	Short term, local effects	DNEL	30	mg/m3	
Consumer	Human - inhalation	Short term, local effects	DNEL	3,6	mg/m3	
	Environment - freshwater		PNEC	0,003	mg/l	
	Environment - marine		PNEC	0,0003	mg/l	
	Environment - groundwater		PNEC	0,0013	mg/l	
	Environment - sewage treatment plant		PNEC	0,9	mg/l	
	Environment - sediment, freshwater		PNEC	0,0236	mg/kg dw	
	Environment - soil		PNEC	1	mg/kg dw	
	Environment - oral (animal feed)		DNEL	30	mg/kg	

8.2 Exposure controls

8.2.1 Appropriate engineering controls

Ensure good ventilation. This can be achieved by local suction or general air extraction.
 If this is insufficient to maintain the concentration under the WEL or AGW values, suitable breathing protection should be worn.
 Applies only if maximum permissible exposure values are listed here.

8.2.2 Individual protection measures, such as personal protective equipment

General hygiene measures for the handling of chemicals are applicable.
 Wash hands before breaks and at end of work.
 Keep away from food, drink and animal feedingstuffs.
 Remove contaminated clothing and protective equipment before entering areas in which food is consumed.

Eye/face protection:
 Tight fitting protective goggles with side protection (EN 166).

Skin protection - Hand protection:
 Chemical resistant protective gloves (EN 374).
 Recommended
 Protective nitrile gloves (EN 374)
 Minimum layer thickness in mm:
 0,4
 Permeation time (penetration time) in minutes:
 > 480
 Protective hand cream recommended.

Skin protection - Other:
 Protective working garments (e.g. safety shoes EN ISO 20345, long-sleeved protective working garments)

Respiratory protection:
 If OES or MEL is exceeded.
 Gas mask filter A (EN 14387), code colour brown
 Observe wearing time limitations for respiratory protection equipment.

Thermal hazards:
 Not applicable

Additional information on hand protection - No tests have been performed.
 In the case of mixtures, the selection has been made according to the knowledge available and the information about the contents.

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Selection of materials derived from glove manufacturer's indications.
Final selection of glove material must be made taking the breakthrough times, permeation rates and degradation into account.
Selection of a suitable glove depends not only on the material but also on other quality characteristics and varies from manufacturer to manufacturer.

In the case of mixtures, the resistance of glove materials cannot be predicted and must therefore be tested before use.
The exact breakthrough time of the glove material can be requested from the protective glove manufacturer and must be observed.

8.2.3 Environmental exposure controls

No information available at present.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state:	Liquid
Colour:	Transparent
Odour:	Characteristic
Odour threshold:	Not determined
pH-value:	n.a.
Melting point/freezing point:	Not determined
Initial boiling point and boiling range:	Not determined
Flash point:	>100 °C
Evaporation rate:	Not determined
Flammability (solid, gas):	Not determined
Lower explosive limit:	n.a.
Upper explosive limit:	n.a.
Vapour pressure:	Not determined
Vapour density (air = 1):	Not determined
Density:	1,08 g/ml (20°C)
Bulk density:	n.a.
Solubility(ies):	Not determined
Water solubility:	Insoluble
Partition coefficient (n-octanol/water):	Not determined
Auto-ignition temperature:	Not determined
Decomposition temperature:	Not determined
Viscosity:	Not determined
Explosive properties:	n.a.
Oxidising properties:	No

9.2 Other information

Miscibility:	Not determined
Fat solubility / solvent:	Not determined
Conductivity:	Not determined
Surface tension:	Not determined
Solvents content:	Not determined

SECTION 10: Stability and reactivity

10.1 Reactivity

The product has not been tested.

10.2 Chemical stability

Stable with proper storage and handling.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

See also section 7.

None known

10.5 Incompatible materials

See also section 7.

Reducing agent

10.6 Hazardous decomposition products

See also section 5.2

No decomposition when used as directed.

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SECTION 11: Toxicological information

Possibly more information on health effects, see Section 2.1 (classification).

Rückspiegelkleber 2ml

Art.: 9934

Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	ATE	>2000	mg/kg			calculated value
Acute toxicity, by dermal route:	ATE	>2000	mg/kg			calculated value
Acute toxicity, by inhalation:	ATE	>20	mg/l/4h			calculated value, Vapours
Acute toxicity, by inhalation:	ATE	>5	mg/l/4h			calculated value, Aerosol
Skin corrosion/irritation:						n.d.a.
Serious eye damage/irritation:						n.d.a.
Respiratory or skin sensitisation:						n.d.a.
Germ cell mutagenicity:						n.d.a.
Carcinogenicity:						n.d.a.
Reproductive toxicity:						n.d.a.
Specific target organ toxicity - single exposure (STOT-SE):						n.d.a.
Specific target organ toxicity - repeated exposure (STOT-RE):						n.d.a.
Aspiration hazard:						n.d.a.
Respiratory tract irritation:						n.d.a.
Repeated dose toxicity:						n.d.a.
Symptoms:						n.d.a.
Other information:						Classification according to calculation procedure.

hydroxypropyl methacrylate (isomers mixture)

Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	>2000	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	>5000	mg/kg	Rabbit		
Skin corrosion/irritation:				Rabbit	(Draize-Test)	Mild irritant
Serious eye damage/irritation:				Rabbit	(Draize-Test)	Irritant
Respiratory or skin sensitisation:				Human being		Sensitizing (skin contact)
Germ cell mutagenicity:						Negative
Reproductive toxicity:						Negative
Specific target organ toxicity - repeated exposure (STOT-RE):	NOAEL	300	mg/kg	Rat		
Aspiration hazard:						No, Analogous conclusion

2-Hydroxyethyl methacrylate

Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	5050	mg/kg	Rat		
Acute toxicity, by dermal route:	LD50	>3000	mg/kg	Rabbit		
Skin corrosion/irritation:						Skin Irrit. 2
Serious eye damage/irritation:				Rabbit	(Draize-Test)	Irritant
Respiratory or skin sensitisation:				Guinea pig		Sensitizing (skin contact)
Symptoms:						breathing difficulties, coughing, mucous membrane irritation

Acrylic acid

Toxicity/effect	Endpoint	Value	Unit	Organism	Test method	Notes
Acute toxicity, by oral route:	LD50	617-1405	mg/kg	Rat	OECD 401 (Acute Oral Toxicity)	
Acute toxicity, by dermal route:	LD50	294-997,5	mg/kg	Rabbit		

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Results of PBT and vPvB assessment:							n.d.a.
Other adverse effects:							n.d.a.
Other information:							According to the recipe, contains no AOX.

hydroxypropyl methacrylate (isomers mixture)							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	48h	493	mg/l	Leuciscus idus	DIN 38412 T.15	
Toxicity to daphnia:	NOEC/NOEL	21d	24,1	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Toxicity to daphnia:	EC50	48h	380	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Toxicity to algae:	NOEC/NOEL	72h	97,2	mg/l	Pseudokirchneriella subcapitata	OECD 201 (Alga, Growth Inhibition Test)	
Toxicity to algae:	EC50	72h	>97,2	mg/l	Pseudokirchneriella subcapitata	OECD 201 (Alga, Growth Inhibition Test)	
Persistence and degradability:		28d	94,2	%		OECD 301 E (Ready Biodegradability - Modified OECD Screening Test)	Anaerobe decomposition:, Readily biodegradable
Bioaccumulative potential:	Log Pow		0,97				
Results of PBT and vPvB assessment:							No PBT substance, No vPvB substance
Toxicity to bacteria:	EC10	16h	>1140	mg/l	Pseudomonas putida		
Water solubility:			107	g/l			@25°C

2-Hydroxyethyl methacrylate							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	227	mg/l	Pimephales promelas	OECD 203 (Fish, Acute Toxicity Test)	
Toxicity to daphnia:	NOEC/NOEL	21d	24,1	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Toxicity to daphnia:	EC50	48h	380	mg/l	Daphnia magna	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Toxicity to algae:	EC50	72h	345	mg/l	Selenastrum capricornutum	OECD 201 (Alga, Growth Inhibition Test)	
Persistence and degradability:		28d	84	%		OECD 301 D (Ready Biodegradability - Closed Bottle Test)	Readily biodegradable

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Bioaccumulative potential:	Log Pow		0,42			OECD 107 (Partition Coefficient (n-octanol/water) - Shake Flask Method)	Bioaccumulation is unlikely (LogPow < 1).
Results of PBT and vPvB assessment:							No PBT substance, No vPvB substance
Toxicity to bacteria:	EC20	16h	>3000	mg/l	<i>Pseudomonas fluorescens</i>		
Water solubility:							Mixable

Acrylic acid							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	27	mg/l	<i>Oncorhynchus mykiss</i>		
Toxicity to daphnia:	NOEC/NO EL	21d	19	mg/l	<i>Daphnia magna</i>	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Toxicity to daphnia:	EC50	48h	95	mg/l	<i>Daphnia magna</i>		
Toxicity to algae:	EC50	72h	0,13		<i>Desmodesmus subspicatus</i>		
Persistence and degradability:		21d	81	%		OECD 301 D (Ready Biodegradability - Closed Bottle Test)	
Bioaccumulative potential:	Log Koc		0,46			OECD 107 (Partition Coefficient (n-octanol/water) - Shake Flask Method)	
Results of PBT and vPvB assessment:							No PBT substance, No vPvB substance
Water solubility:							Soluble

Ethyl methacrylate							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	100	mg/l	<i>Oncorhynchus mykiss</i>		
Toxicity to daphnia:	EC50	48h	>66	mg/l	<i>Daphnia magna</i>	OECD 202 (Daphnia sp. Acute Immobilisation Test)	
Bioaccumulative potential:	Log Pow		1,25-1,94				References
Toxicity to bacteria:	EC50	30min	>1000	mg/l	activated sludge	ISO 8192	

n-Butyl methacrylate							
Toxicity/effect	Endpoint	Time	Value	Unit	Organism	Test method	Notes
Toxicity to fish:	LC50	96h	11	mg/l	<i>Pimephales promelas</i>		
Toxicity to daphnia:	EC50	48h	32	mg/l	<i>Daphnia magna</i>		
Toxicity to algae:	EC50	96h	57	mg/l		OECD 201 (Alga, Growth Inhibition Test)	
Persistence and degradability:		28d	76	%		OECD 301 D (Ready Biodegradability - Closed Bottle Test)	

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Toxicity to bacteria:	EC50	18h	> 253,6	mg/l	Pseudomonas putida		
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SECTION 13: Disposal considerations

13.1 Waste treatment methods

For the substance / mixture / residual amounts

EC disposal code no.:

The waste codes are recommendations based on the scheduled use of this product.

Owing to the user's specific conditions for use and disposal, other waste codes may be allocated under certain circumstances. (2001/118/EC, 2001/119/EC, 2001/573/EC)

08 04 09 waste adhesives and sealants containing organic solvents or other dangerous substances

Recommendation:

Pay attention to local and national official regulations

E.g. suitable incineration plant.

E.g. dispose at suitable refuse site.

For contaminated packing material

Pay attention to local and national official regulations

Recommendation:

Empty container completely.

Untampered packaging can be recycled.

Dispose of packaging that cannot be cleaned in the same manner as the substance.

SECTION 14: Transport information

General statements

UN number: n.a.

Transport by road/by rail (ADR/RID)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Classification code: n.a.

LQ (ADR 2013): n.a.

LQ (ADR 2009): n.a.

Environmental hazards: Not applicable

Tunnel restriction code:

Transport by sea (IMDG-code)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Marine Pollutant: n.a.

Environmental hazards: Not applicable

Transport by air (IATA)

UN proper shipping name:

Transport hazard class(es): n.a.

Packing group: n.a.

Environmental hazards: Not applicable

Special precautions for user

Unless specified otherwise, general measures for safe transport must be followed.

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code

Non-dangerous material according to Transport Regulations.

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture

For classification and labelling see Section 2.

Observe restrictions: Yes

Comply with trade association/occupational health regulations.

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Observe youth employment law (German regulation).
 VOC (1999/13/EC): ~ 36,2%

15.2 Chemical safety assessment

A chemical safety assessment is not provided for mixtures.

SECTION 16: Other information

These details refer to the product as it is delivered.
 Revised sections: 2, 3, 8

Classification and processes used to derive the classification of the mixture in accordance with the ordinance (EG) 1272/2008 (CLP):

Classification in accordance with regulation (EC) No. 1272/2008 (CLP)	Evaluation method used
Eye Dam. 1, H318	Classification according to calculation procedure.

The following phrases represent the posted R phrases / H phrases, Hazard Class and Risk Category Code (GHS/CLP) of the product and the constituents (specified in Section 2 and 3).

- 10 Flammable.
- 11 Highly flammable.
- 20/21/22 Harmful by inhalation, in contact with skin and if swallowed.
- 21/22 Harmful in contact with skin and if swallowed.
- 23 Toxic by inhalation.
- 34 Causes burns.
- 35 Causes severe burns.
- 36 Irritating to eyes.
- 36/37/38 Irritating to eyes, respiratory system and skin.
- 36/38 Irritating to eyes and skin.
- 43 May cause sensitization by skin contact.
- 50 Very toxic to aquatic organisms.
- 51/53 Toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
- 68 Possible risk of irreversible effects.
- 7 May cause fire.

STOT SE — Specific target organ toxicity - single exposure - respiratory tract irritation
 Skin Irrit. — Skin irritation
 Eye Dam. — Serious eye damage
 Skin Sens. — Skin sensitization
 Eye Irrit. — Eye irritation
 Flam. Liq. — Flammable liquid

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Acute Tox. — Acute toxicity - oral
Acute Tox. — Acute toxicity - dermal
Acute Tox. — Acute toxicity - inhalation
Skin Corr. — Skin corrosion
Aquatic Acute — Hazardous to the aquatic environment - acute
Org. Perox. — Organic peroxide
Muta. — Germ cell mutagenicity
Aquatic Chronic — Hazardous to the aquatic environment - chronic

Any abbreviations and acronyms used in this document:

AC Article Categories
acc., acc. to according, according to
ACGIH American Conference of Governmental Industrial Hygienists
ADR Accord européen relatif au transport international des marchandises Dangereuses par Route (= European Agreement concerning the International Carriage of Dangerous Goods by Road)
AOEL Acceptable Operator Exposure Level
AOX Adsorbable organic halogen compounds
approx. approximately
Art., Art. no. Article number
ATE Acute Toxicity Estimate according to Regulation (EC) 1272/2008 (CLP)
BAM Bundesanstalt für Materialforschung und -prüfung (Federal Institute for Materials Research and Testing, Germany)
BAuA Bundesanstalt für Arbeitsschutz und Arbeitsmedizin (= Federal Institute for Occupational Health and Safety, Germany)
BCF Bioconcentration factor
BGV Berufsgenossenschaftliche Vorschrift (= Accident Prevention Regulation)
BHT Butylhydroxytoluol (= 2,6-Di-*t*-butyl-4-methyl-phenol)
BMGV Biological monitoring guidance value (EH40, UK)
BOD Biochemical oxygen demand
BSEF Bromine Science and Environmental Forum
bw body weight
CAS Chemical Abstracts Service
CEC Coordinating European Council for the Development of Performance Tests for Fuels, Lubricants and Other Fluids
CESIO Comité Européen des Agents de Surface et de leurs Intermédiaires Organiques
CIPAC Collaborative International Pesticides Analytical Council
CLP Classification, Labelling and Packaging (REGULATION (EC) No 1272/2008 on classification, labelling and packaging of substances and mixtures)
CMR carcinogenic, mutagenic, reproductive toxic
COD Chemical oxygen demand
CTFA Cosmetic, Toiletry, and Fragrance Association
DMEL Derived Minimum Effect Level
DNEL Derived No Effect Level
DOC Dissolved organic carbon
DT50 Dwell Time - 50% reduction of start concentration
DVS Deutscher Verband für Schweißen und verwandte Verfahren e.V. (= German Association for Welding and Allied Processes)
dw dry weight
e.g. for example (abbreviation of Latin 'exempli gratia'), for instance
EC European Community
ECHA European Chemicals Agency
EEA European Economic Area
EEC European Economic Community
EINECS European Inventory of Existing Commercial Chemical Substances
ELINCS European List of Notified Chemical Substances
EN European Norms
EPA United States Environmental Protection Agency (United States of America)
ERC Environmental Release Categories
ES Exposure scenario
etc. et cetera
EU European Union
EWC European Waste Catalogue
Fax. Fax number
gen. general
GHS Globally Harmonized System of Classification and Labelling of Chemicals
GWP Global warming potential

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HET-CAM Hen's Egg Test - Chorionallantoic Membrane
HGWP Halocarbon Global Warming Potential
IARC International Agency for Research on Cancer
IATA International Air Transport Association
IBC Intermediate Bulk Container
IBC (Code) International Bulk Chemical (Code)
IC Inhibitory concentration
IMDG-code International Maritime Code for Dangerous Goods
incl. including, inclusive
IUCLID International Uniform Chemical Information Database
LC lethal concentration
LC50 lethal concentration 50 percent kill
LCLo lowest published lethal concentration
LD Lethal Dose of a chemical
LD50 Lethal Dose, 50% kill
LDLo Lethal Dose Low
LOAEL Lowest Observed Adverse Effect Level
LOEC Lowest Observed Effect Concentration
LOEL Lowest Observed Effect Level
LQ Limited Quantities
MARPOL International Convention for the Prevention of Marine Pollution from Ships
n.a. not applicable
n.av. not available
n.c. not checked
n.d.a. no data available
NIOSH National Institute of Occupational Safety and Health (United States of America)
NOAEC No Observed Adverse Effective Concentration
NOAEL No Observed Adverse Effect Level
NOEC No Observed Effect Concentration
NOEL No Observed Effect Level
ODP Ozone Depletion Potential
OECD Organisation for Economic Co-operation and Development
org. organic
PAH polycyclic aromatic hydrocarbon
PBT persistent, bioaccumulative and toxic
PC Chemical product category
PE Polyethylene
PNEC Predicted No Effect Concentration
POCP Photochemical ozone creation potential
ppm parts per million
PROC Process category
PTFE Polytetrafluorethylene
REACH Registration, Evaluation, Authorisation and Restriction of Chemicals (REGULATION (EC) No 1907/2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals)
REACH-IT List-No. 9xx-xxx-x No. is automatically assigned, e.g. to pre-registrations without a CAS No. or other numerical identifier. List Numbers do not have any legal significance, rather they are purely technical identifiers for processing a submission via REACH-IT.
RID Règlement concernant le transport International ferroviaire de marchandises Dangereuses (= Regulation concerning the International Carriage of Dangerous Goods by Rail)
SADT Self-Accelerating Decomposition Temperature
SAR Structure Activity Relationship
SU Sector of use
SVHC Substances of Very High Concern
Tel. Telephone
ThOD Theoretical oxygen demand
TOC Total organic carbon
TRGS Technische Regeln für Gefahrstoffe (=Technical Regulations for Hazardous Substances)
UN RTDG United Nations Recommendations on the Transport of Dangerous Goods
VbF Verordnung über brennbare Flüssigkeiten (= Regulation for flammable liquids (Austria))
VOC Volatile organic compounds
vPvB very persistent and very bioaccumulative
WEL-TWA, WEL-STEL WEL-TWA = Workplace Exposure Limit - Long-term exposure limit (8-hour TWA (= time weighted average) reference period), WEL-STEL = Workplace Exposure Limit - Short-term exposure limit (15-minute reference period) (EH40, UK).
WHO World Health Organization
wwt wet weight

GB

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The statements made here should describe the product with regard to the necessary safety precautions - they are not meant to guarantee definite characteristics - but they are based on our present up-to-date knowledge.
No responsibility.

These statements were made by:

SCT Vertriebs GmbH, Feldstr. 154, 22880 Wedel, Germany

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